

New Features in RISA-3D v11, RISAFloor v7, and RISAFoundation v5 February 21, 2013

Q: Does RISA-3d have ACI 318-11?

A: Yes, ACI 318-11 was added in RISA-3D v10 in March 2012.

Q: Why is there not copy joints in Foundation?

A: Joints are typically associated with a foundation element (slab, footing, retaining wall, etc.). When you copy the element, the joints are copied as well. To be honest, we haven't had a request to copy just joints but I will add that as a request in our user request database.

Q: Can you delete the imported grid after you are done with it? An option to remove it would be nice. If you started with one dxf grid and needed to update as the project moves forward, you would be stuck with the old one cluttering it up.

A: You can delete drawing grids if you don't want to use it anymore or just turn it off. It functions within the Drawing Grid dialogue so you can turn it on and off or delete it just like a Drawing Grid.

Q: Does RISAConnection or RISA-3D consider eccentricity of the work point?

A: Within RISA-3D you can specify the member end offset if you want to take into account the eccentricity. Within RISAFloor, the beam to column eccentricity is automatically accounted for. The connection is then designed based on the member end forces from this eccentricity.

Q: Is there a way to get RISAConnection to optimize the geometry or the connection after changing parameters?

A: Connection optimization has not been added to RISAConnection as this requires some engineering judgment. When the connection fails, the engineer decides whether to increase the bolt size, change the weld size or modify the bolt edge distance and spacing. The program needs guidance as to which one to change first.

Q: Is there any consideration to combining all the packages into a single design package?

A: When you use all of the programs together they act as one cohesive program. But keeping them separate allows customers who don't need all of those features to purchase just the program they need.

Q: Can RISA-3D check plate element under applicable code, say ADM-05?

A: RISA-3D can design aluminum members per the ADM1-05 or 10 manual but does not perform any aluminum flat plate design.

Q: Do you have a Japanese shape in your library

A: RISA-3D does not have a library of Japanese shapes. However, you can enter any custom shapes into our library.

Q: Is there an option to generate the load diagrams for each member in the member detail reports (RISA-3D)?

A: RISAFloor generates the load diagram within the Member Detail report but RISA-3D does not have this option.

Q: Does RISACONNECTION have AISC 358 compatibility?

A: RISA-3D can design the members per the AISC 358 provisions but this code has not been added to RISACONNECTION yet. We do plan to add this in a future release of RISACONNECTION.

Q: When a plate with a bolt hole is modeled in RISA-3D v11, is it possible to accurately apply loads to the plate through bolt hole bearing in any direction?

A: You can add loads to the plate in any direction. This can be done using joint or surface loads on the plates. The direction can be in the local plate axes or the global axes.